

Economy Overview

21 Minnesota ZIPs

Emsi Q3 2018 Data Set

July 2018

Minnesota Department of Employment & Economic Development (DEED)



332 Minnesota Street
Saint Paul, Minnesota 55101

Parameters

Regions

21 items selected. See Appendix A for details.

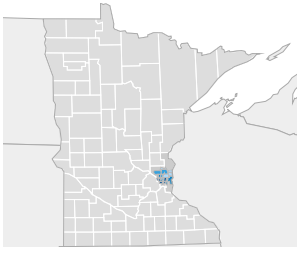
Timeframe

2001 - 2017

Datarun

2018.3 - QCEW Employees, Non-QCEW Employees, and Self-Employed

Economy Overview



Population (2017)	552.7K
Jobs (2017)	287.6K
Average Earnings (2017)	\$66.9K
Unemployed	N/A for ZIP Code Regions
Completions (2017)	4.5K
GRP (2017)	\$30.3B
Exports (2017)	\$38.7B
Imports (2017)	\$37.7B

Population

552.7K
2017 Population
10.0% of State





















4.7%
Population Growth for the Last 5 Years
State Growth 3.2%

Age Group	2017 Population	% of Population	
Under 5 years	34,272	6.2%	
5 to 9 years	35,450	6.4%	
10 to 14 years	36,031	6.5%	
15 to 19 years	36,562	6.6%	
20 to 24 years	31,258	5.7%	
25 to 29 years	35,147	6.4%	
30 to 34 years	35,890	6.5%	
35 to 39 years	35,919	6.5%	
40 to 44 years	31,535	5.7%	
45 to 49 years	35,849	6.5%	
50 to 54 years	39,474	7.1%	
55 to 59 years	41,889	7.6%	
60 to 64 years	36,045	6.5%	
65 to 69 years	31,139	5.6%	
70 to 74 years	20,768	3.8%	
75 to 79 years	13,999	2.5%	
80 to 84 years	9,972	1.8%	
85 years and over	11,514	2.1%	

Jobs by Industry

287,556

Total Jobs (2017)

NAICS	Industry	2017 Jobs
11	Agriculture, Forestry, Fishing and Hunting	3,615 
21	Mining, Quarrying, and Oil and Gas Extraction	20 
22	Utilities	620 
23	Construction	16,635 
31	Manufacturing	36,065 
42	Wholesale Trade	11,827 
44	Retail Trade	33,169 
48	Transportation and Warehousing	9,009 
51	Information	3,169 
52	Finance and Insurance	8,580 
53	Real Estate and Rental and Leasing	3,608 
54	Professional, Scientific, and Technical Services	13,302 
55	Management of Companies and Enterprises	11,288 
56	Administrative and Support and Waste Management and Remediation Services	13,547 
61	Educational Services	8,549 
62	Health Care and Social Assistance	36,612 
71	Arts, Entertainment, and Recreation	5,722 
72	Accommodation and Food Services	20,235 
81	Other Services (except Public Administration)	14,809 
90	Government	37,177 



NAICS	Industry	2017 Jobs
99	Unclassified Industry	<10

Average Earnings by Industry

\$66.9K

Avg. Earnings (2017)
104% of Nation Avg.

NAICS	Industry	Avg. Earnings (2017)
11	Agriculture, Forestry, Fishing and Hunting	\$32,544
21	Mining, Quarrying, and Oil and Gas Extraction	\$73,877
22	Utilities	\$134,617
23	Construction	\$74,456
31-33	Manufacturing	\$100,759
42	Wholesale Trade	\$89,564
44-45	Retail Trade	\$36,352
48-49	Transportation and Warehousing	\$55,385
51	Information	\$88,469
52	Finance and Insurance	\$90,621
53	Real Estate and Rental and Leasing	\$54,943
54	Professional, Scientific, and Technical Services	\$84,168
55	Management of Companies and Enterprises	\$180,433
56	Administrative and Support and Waste Management and Remediation Services	\$49,950
61	Educational Services	\$37,756
62	Health Care and Social Assistance	\$59,218
71	Arts, Entertainment, and Recreation	\$25,775
72	Accommodation and Food Services	\$21,658
81	Other Services (except Public Administration)	\$31,738

NAICS	Industry	Avg. Earnings (2017)
90	Government	\$74,599 
99	Unclassified Industry	\$29,664 

Top Program Completions

CIP	Program	Completions (2017)
51	Health professions and related programs	1,031 
52	Business, management, marketing, and related support services	725 
39	Theology and religious vocations	507 
24	Liberal arts and sciences, general studies and humanities	493 
13	Education	350 
42	Psychology	158 
43	Homeland security, law enforcement, firefighting and related protective services	119 
11	Computer and information sciences and support services	118 
50	Visual and performing arts	110 
09	Communication, journalism, and related programs	108 

Gross Regional Product (GRP)

\$18.5B

Earnings (2017)

\$9.8B






















Property Income (2017)

\$2.0B

Taxes on Production (2017)

\$30.3B

Total GRP (2017)

NAICS	Industry	GRP (2017)	% of Total
11	Agriculture, Forestry, Fishing and Hunting	\$185,877,032	1% 
21	Mining, Quarrying, and Oil and Gas Extraction	\$14,327,278	0% 
22	Utilities	\$264,990,470	1% 
23	Construction	\$1,646,166,680	5% 
31	Manufacturing	\$6,397,697,510	21% 
42	Wholesale Trade	\$2,431,710,125	8% 
44	Retail Trade	\$1,996,024,813	7% 
48	Transportation and Warehousing	\$701,259,468	2% 
51	Information	\$684,108,226	2% 
52	Finance and Insurance	\$1,646,355,930	5% 
53	Real Estate and Rental and Leasing	\$778,076,725	3% 
54	Professional, Scientific, and Technical Services	\$1,538,353,909	5% 
55	Management of Companies and Enterprises	\$2,017,479,338	7% 
56	Administrative and Support and Waste Management and Remediation Services	\$835,802,323	3% 
61	Educational Services	\$329,783,254	1% 
62	Health Care and Social Assistance	\$2,164,263,831	7% 
71	Arts, Entertainment, and Recreation	\$209,328,007	1% 
72	Accommodation and Food Services	\$597,034,738	2% 
81	Other Services (except Public Administration)	\$604,449,793	2% 
90	Government	\$2,849,486,341	9% 
	Other Non-Industries	\$2,363,866,180	8% 

Region Exports

\$38.7B

Exports (2017)
63% of Supply

NAICS	Industry	Exports (2017)
11	Agriculture, Forestry, Fishing and Hunting	\$382,701,662
21	Mining, Quarrying, and Oil and Gas Extraction	\$9,118,196
22	Utilities	\$92,977,684
23	Construction	\$1,365,340,826
31	Manufacturing	\$11,920,371,942
42	Wholesale Trade	\$2,445,819,236
44	Retail Trade	\$1,818,973,864
48	Transportation and Warehousing	\$781,884,290
51	Information	\$537,411,069
52	Finance and Insurance	\$1,204,859,792
53	Real Estate and Rental and Leasing	\$336,725,418
54	Professional, Scientific, and Technical Services	\$737,604,807
55	Management of Companies and Enterprises	\$3,532,505,009
56	Administrative and Support and Waste Management and Remediation Services	\$661,763,534
61	Educational Services	\$287,477,005
62	Health Care and Social Assistance	\$1,233,398,222
71	Arts, Entertainment, and Recreation	\$144,661,929
72	Accommodation and Food Services	\$96,933,776
81	Other Services (except Public Administration)	\$333,754,168
90	Government	\$10,807,747,254

Region Imports

\$37.7B

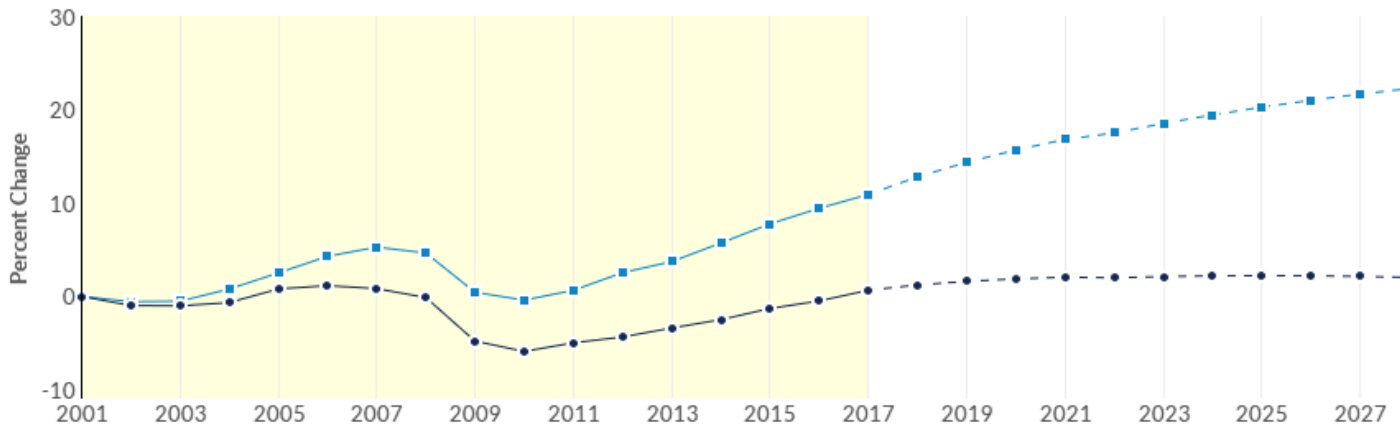
Imports (2017)
61% of Demand

\$24.6B

Locally Produced & Consumed (2017)
39% of Demand

NAICS	Industry	Imports (2017)
11	Agriculture, Forestry, Fishing and Hunting	\$315,431,703
21	Mining, Quarrying, and Oil and Gas Extraction	\$244,238,625
22	Utilities	\$453,843,348
23	Construction	\$668,032,307
31	Manufacturing	\$7,566,871,744
42	Wholesale Trade	\$1,542,713,821
44	Retail Trade	\$1,951,155,385
48	Transportation and Warehousing	\$980,599,535
51	Information	\$1,961,689,693
52	Finance and Insurance	\$2,626,995,292
53	Real Estate and Rental and Leasing	\$1,097,460,139
54	Professional, Scientific, and Technical Services	\$1,675,358,455
55	Management of Companies and Enterprises	\$713,620,529
56	Administrative and Support and Waste Management and Remediation Services	\$683,927,458
61	Educational Services	\$422,264,251
62	Health Care and Social Assistance	\$1,944,069,591
71	Arts, Entertainment, and Recreation	\$315,672,011
72	Accommodation and Food Services	\$779,103,446
81	Other Services (except Public Administration)	\$371,397,073
90	Government	\$11,342,623,798

Regional Trends



Region	2001 Jobs	2017 Jobs	Change	% Change
● Region	285,677	287,556	1,879	0.7%
■ Nation	145,091,500	160,946,219	15,854,719	10.9%

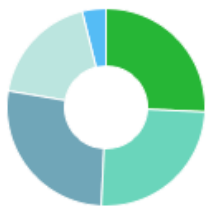
Growing & Declining Occupations

Occupation	Change in Jobs (2001-2017)
Personal Care Aides	4,720
Combined Food Preparation and Serving Workers, Including Fast Food	2,317
Sales Representatives, Services, All Other	1,378
Bookkeeping, Accounting, and Auditing Clerks	-1,111
Farmers, Ranchers, and Other Agricultural Managers	-1,527
Executive Secretaries and Executive Administrative Assistants	-2,715

Growing & Declining Industries

Industry	Change in Jobs (2001-2017)
Electromedical and Electrotherapeutic Apparatus Manufacturing	3,345
Warehouse Clubs and Supercenters	2,925
Full-Service Restaurants	2,348
Crop Production	-1,571
Direct Property and Casualty Insurance Carriers	-1,578
Department Stores	-2,741

2017 Age Cohort Demographics



Age Cohort	2017 Population	2017 Percent
Under 20 years	142,315	25.7%
20 to 39 years	138,215	25.0%
40 to 59 years	148,748	26.9%
60 to 79 years	101,952	18.4%
80 years and over	21,487	3.9%

2017 Race/Ethnicity Demographics



Race/Ethnicity	2017 Population	2017 Percent
All Other Race/ethnicities	20,306	3.7%
White, Hispanic	20,155	3.6%
Black, Non-Hispanic	31,920	5.8%
Asian, Non-Hispanic	45,256	8.2%
White, Non-Hispanic	435,080	78.7%

Top Regional Businesses

Business Name	Business Size
Sbm Corporation	6,050
Minnesota Restaurant Association	5,000
Medtronic Inc	3,000
Cummins Power Generation	1,650
Fairview Lakes Medical Center	1,500

Business Data by DatabaseUSA.com is third-party data provided by Emsi to its customers as a convenience, and Emsi does not endorse or warrant its accuracy or consistency with other published Emsi data.

Appendix A - Regions

Code	Description
55014	Circle Pines, MN (in Anoka county)
55025	Forest Lake, MN (in Washington county)
55038	Hugo, MN (in Washington county)
55047	Marine On Saint Croix, MN (in Washington county)
55073	Scandia, MN (in Washington county)
55082	Stillwater, MN (in Washington county)
55090	Willernie, MN (in Washington county)
55092	Wyoming, MN (in Chisago county)
55109	Saint Paul, MN (in Ramsey county)
55110	Saint Paul, MN (in Ramsey county)
55112	Saint Paul, MN (in Ramsey county)
55113	Saint Paul, MN (in Ramsey county)
55115	Saint Paul, MN (in Washington county)
55117	Saint Paul, MN (in Ramsey county)
55126	Saint Paul, MN (in Ramsey county)
55127	Saint Paul, MN (in Ramsey county)
55128	Saint Paul, MN (in Washington county)
55304	Andover, MN (in Anoka county)
55432	Minneapolis, MN (in Anoka county)
55434	Minneapolis, MN (in Anoka county)
55449	Minneapolis, MN (in Anoka county)

Appendix B - Data Sources and Calculations

Input-Output Data

The input-output model in this report is Emsi's gravitational flows multi-regional social account matrix model (MR-SAM). It is based on data from the Census Bureau's Current Population Survey and American Community Survey; as well as the Bureau of Economic Analysis' National Income and Product Accounts, Input-Output Make and Use Tables, and Gross State Product data. In addition, several Emsi in-house data sets are used, as well as data from Oak Ridge National Labs on the cost of transportation between counties.

Demographic Data

The demographic data in this report is compiled from several sources using a specialized process. Sources include annual population estimates and population projections from the US Census Bureau, and birth and mortality rates from the US Health Department.

Industry Data

Emsi industry data have various sources depending on the class of worker. (1) For QCEW Employees, Emsi primarily uses the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns. (2) Non-QCEW employees data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics. (3) Self-Employed and Extended Proprietor classes of worker data are primarily based on the American Community Survey, Nonemployer Statistics, and BEA State and Local Personal Income Reports. Projections for QCEW and Non-QCEW Employees are informed by NIOEM and long-term industry projections published by individual states.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.

Occupation Data

Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

DatabaseUSA.com Business-Level Data

Data for individual businesses is provided by DatabaseUSA.com, which maintains a database of more than 14 million U.S. business entities. Note that in aggregate it will not be consistent with Emsi labor market data due to differences in definitions, methodology, coverage, and industry/geographic classification.

State Data Sources

This report uses state data from the following agencies: Alabama Department of Industrial Relations; Alaska Department of Labor and Workforce Development; Arizona Department of Administration, Office of Employment and Population Statistics; Arkansas Department of Workforce Services; California Labor Market Information Department; Colorado Department of Labor and Employment; Connecticut did not provide us with a data source; Delaware Office of Occupational and Labor Market Information, Delaware Wages 2004; District of Columbia Department of Employment Services; Florida Department of Economic

Opportunity; Georgia Department of Labor, Workforce Information and Analysis, Occupational Information Services Unit; Hawaii Department of Labor and Industrial Relations, Research and Statistics Office; Idaho Department of Labor; Illinois Department of Employment Security, Employment Projections; Indiana Department of Workforce Development; Iowa Workforce Development; Kansas Department of Labor, Labor Market Information Services, Kansas Wage Survey; Kentucky Office of Employment and Training; Louisiana Department of Labor; Maine did not provide us with a data source; Maryland Department of Labor, Licensing and Regulation, Office of Labor Market Analysis and Information; Massachusetts Executive Office of Labor and Workforce Development; Michigan Department of Labor and Economic Growth, Bureau of Labor Market Information and Strategic Initiatives; Minnesota Department of Employment and Economic Development; Mississippi Department of Employment Security; Missouri Department of Economic Development; Montana Department of Labor and Industry, Research and Analysis Bureau; Nebraska Workforce Development; Nevada Department of Employment, Training and Rehabilitation, Information Development and Processing Division, Research and Analysis Bureau; New Hampshire Department of Employment Security; New Jersey Department of Labor and Workforce Development; New Mexico Department of Labor, Bureau of Economic Research and Analysis; New York Department of Labor, Division of Research and Statistics; North Carolina Department of Commerce, Labor and Economic Analysis Division; North Dakota Job Service, Labor Market Information Center; Ohio Department of Job and Family Services, Labor Market Information Division; Oklahoma Employment Security Commission; Oregon Employment Department, Oregon Labor Market Information System; Pennsylvania Department of Labor and Industry, Center for Workforce Information and Analysis; Rhode Island did not provide us with a data source; South Carolina Employment Security Commission, Labor Market Information Department; South Dakota Department of Labor, Labor Market Information Division; Tennessee Department of Labor and Workforce Development, Research and Statistics Division; Texas Workforce Commission; Utah Department of Workforce Services; Vermont did not provide us with a data source; Virginia Employment Commission, Economic Information Services; Washington State Employment Security Department, Labor Market and Economic Analysis Branch; West Virginia Bureau of Employment Programs, Research Information & Analysis Division; Wisconsin Department of Workforce Development, Bureau of Workforce Information; Wyoming Department of Employment, Research and Planning